

HIGHWAY INFORMATION SEMINAR WORKSHOP

**Motor-Vehicle
Registrations/
Driver Licenses**

State Reporting

- Required by the *Code of Federal Regulations*:
 - SUBCHAPTER E – PLANNING AND RESEARCH
 - Part 420 – Planning and Research Program Administration
 - Subpart A – Administration of FHWA Planning and Research Funds
 - 420.105 Policy
 - OMB approval under control numbers 2125-0028 and 2125-0032
- Data required for evaluating the Nation's transportation systems:
 - Extent
 - Performance
 - Condition
 - Use

Motor-Vehicle Registrations and Driver Licenses Smart System

- State Specific Motor-Vehicle/Driver License Forms:
 - Form FHWA-561
 - Form FHWA-562
 - Form FHWA-566
 - Form FHWA-571
- <http://www.fhwa.dot.gov/eforms/mv-dl.htm>

Why the Smart System is Needed

- Prior procedures outmoded years ago
- Developed to meet E-GOV requirements
- Performs automated data checks to reduce human intervention
- Improves:
 - Accuracy
 - Consistency
- Eliminate redundant data
- Paperwork reduction

Benefits Provided - I

- Provides one procedure for State reporting:
 - Consistent
 - Coherent
- Reduces labor costs:
 - FHWA
 - State
- Developed to meet E-GOV objectives

Benefits Provided - II

- Performs checks on the reported data:
 - Tests internal consistency
 - Helps catch errors early
- Specific tests:
 - Mathematical errors
 - Non-matching totals
 - Blank cells with only grand totals entered
 - Large changes in the data from one year to the next
 - Avoids States creating their own forms

Smart System Used for 2009 Reporting

- States Used Smart Form – 13 States
- Partial Use – 2 States ('561, '566 and '571 only)
- Partial Use – 1 State ('566 only).

Resources

- *A Guide to Reporting Highway Statistics*, Chapters 3, 4, 5 and 6;
<http://www.fhwa.dot.gov/policy/ohpi/hss/guide.htm>
- Highway Taxes and Fees;
<http://www.fhwa.dot.gov/ohim/hwytaxes/2008/index.htm>

How the Data is Used

- Provides basic measures of highway use:
 - Annual data
 - Historical data
- Provides data for analytical purposes:
 - The denominator for safety exposure calculations (e.g., fatalities per million ____)
 - Drivers age/gender correlation to crash rates
 - Vehicle fleet fuel efficiency
 - Miles of travel per vehicle

How the Data is Used

- Input to other agencies:
 - National Highway Traffic Safety Administration
 - National Transportation Safety Board
 - Energy Information Agency
 - Environment Protection Agency
 - Bureau of Labor Statistics
 - Federal Bureau of Investigations
 - Bureau of Transportation Statistics
 - Government Accountability Office

Data Users

- Congress
- Government Agencies:
 - Federal
 - State
 - County
 - Municipal
- Private sector/business
- Educational institutions
- Libraries
- Students
- Citizens
- Other countries

Motor Vehicle Registrations (Forms FHWA-561, 566 and 571)

- State provided data
- Number of vehicles registered for highway use:
 - By vehicle type:
 - Automobiles
 - Buses
 - Trucks
 - Motorcycles
- Revenue generated from registration fees
- Standard measure of vehicles licensed for use on the highways

Typical Procedures

- States report annually
- Data is:
 - Reviewed
 - Analyzed
 - Adjusted for specific State limitations
 - Refined into more detailed categories
 - Readied for publication
 - Published
 - Series of Tables in *Highway Statistics*
 - Provided to other agencies for further uses

Analysis

- Adjustments:
 - Definitions – One of the major obstacles in compiling accurate vehicle registration data is inconsistent vehicle registration. Different States have different parameters in the definitions which lead to irregularities among categories. For example, some States register light trucks by weight rather than by type.
 - Re-registrations – Vehicle re-registration in different States as a change in ownership are hard to tract. A problem compounded by varying registration cycles among States.
 - Multi-Year Registrations – Registration cycles are different. Example: 1 year cycle vs. a 4 year cycle.

Analysis

- Estimates:
 - Buses – Most commercial businesses will register buses in the State the company is headquartered but the buses are operated in another State.
 - Truck Tractors – Estimates are made on a State-by-State basis. TT counts are based on Vehicle Inventory and Use Survey (VIUS).
 - Trailers — Most States only report total trailers. Need breakdown (Commercial, House, and Small).
 - State, County, and Municipal Vehicles – Only total reported by State.
 - Light Trucks – Only total reported by State. Need breakdown (pickups, vans, sport utility vehicles and other light vehicles)
 - Incomplete and/or Missing Data – Self-explanatory

Drivers License Data

Form FHWA-562

- State provided data
- Number of drivers licenses issued by:
 - Gender
 - Age
- Revenue generated from license fees
- Standard measure of citizens with driving privileges

DATA USAGE

- Preparation of material for teaching students how to drive safely.
- States use as a guide to reevaluate their own licensing laws.
- Car manufacturers use to determine vehicle styles.
- Insurance companies, Congress, Government Agencies, etc.
- Insurance Institute for Highway Safety

INSTRUCTIONS FOR FORM FHWA- 562

- In recognition of State law changes, graduated licenses for teenage drivers are to be included in the data submitted on Form FHWA-562, (State Driver Licenses and Fees), Page 1.

INSTRUCTIONS FOR FORM FHWA- 562

- Other kinds of permits and or licenses to be included are learner permits, licenses issued solely for the operation of motorcycles, scooters, or mopeds.

INSTRUCTIONS FOR FORM FHWA-562

- States have some form of graduated licensing for teenage drivers.
- Thus, to improve driver licenses data quality the definition of “teenage driver” changed.

INSTRUCTIONS FOR FORM FHWA-562

- Less than 19 States provided the data for graduated licenses for teenage drivers for 2009.
- Therefore, there well may be approximately over 8 million 14- and 15-year olds not accounted for.

Form FHWA-562

Incomplete Age Groups

- 23 Years and 24 Years – 1 State
- 75 years and over – 2 States
- 80 years and over – 2 States
- 85 years and over – 1 State
- Therefore, FHWA must estimate by redistributing State's reported data based on the Census population.

Contact - Driver Licenses

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thank you!